

CLAIM AMENDMENTS

Please amend the claims as follows:

Claim 1 (currently amended). A surgical screw for recomposition of human bone structures comprising an expandable element (1) formed by a monoblock body (2) with an essentially cylindrical configuration, said expandable element (1) comprising a threaded axial bore (3) along the entire length of said axial bore, which at its distal end (4) undergoes a funneling defining a threaded trunk sector (5); [the] said expandable element (1) being externally threaded along its entire length, and displaying a set of slots (6) extending along at least a portion of said distal end.

Claim 2 (currently amended). A surgical screw, according to claim 1, wherein the proximal end (8) of the said expandable element (1) incorporates a radial indenture (9) which can be employed as a coupling place for an appropriate tool to be used to promote the positioning of said expandable element (1) at its assembly place in the receiving bone structure.

Claim 3 (currently amended). A surgical screw, according to claim 1, wherein ~~the~~ said screw also comprises a spindle (10) operating as an expanding element of said expandable element (1), and said expanding spindle (10) ~~incorporates~~ incorporating a head (11) that at its center is formed with a cavity (12) shaped to couple with an appropriate tool that is employed to promote the rotation and consequent advance of said spindle (10) along said threaded axial bore (3).

Claim 4 (currently amended). A surgical screw, according to claim 1 wherein externally, said expandable element (1) includes thread filaments (13) that are extremely close to one another along the entire length of said expandable element.

Claim 5 (currently amended). A surgical screw, according to claim 1, wherein said distal end of said expandable element (1) ~~distal end~~ incorporates a trunk configuration (16).

Claim 6 (previously presented). A surgical screw according to Claim 3, wherein said cavity (12) has a shape that is substantially hexagonal.

Claim 7 (previously presented). A surgical screw according to Claim 1, wherein said distal end (4) has a length along said expandable element (1) that is generally approximately one-half of the length of said expandable element.

Claim 8 (previously presented). A surgical screw according to Claim 1, wherein said slots (6) extend a length along said expandable element (1) that is generally approximately one-half of the length of said expandable element.